



STIC Search Report

EIC 3700

STIC Database Tracking Number: 148213

TO: Linda Sholl
Location: RND 8a31
Art Unit: 3700
Monday, March 21, 2005

Case Serial Number: 10/718509

From: Terry Solomon
Location: EIC 3700
RND 8b31
Phone: 272-3509

terrance.solomon@uspto.gov

Search Notes

No current or past litigation found involving US pat. 6321793.

Sources:

Lexis/Nexis
Questel-Orbit

591877 (09) 6321793 November 27, 2001

Time of Request: March 18, 2005 01:28 PM EST

Research Information:

Utility, Design and Plant Patents
patno=6321793

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6321793

November 27, 2001

Bladder system for reinforcing a portion of a longitudinal structure

REISSUE: November 20, 2003 - Reissue Application filed Ex. Gp.: 3752; Re. S.N. 10/718,509 (O.G. June 15, 2004)

APPL-NO: 591877 (09)

FILED-DATE: June 12, 2000

GRANTED-DATE: November 27, 2001

ASSIGNEE-AT-ISSUE: L&L Products, Romeo, Michigan, 02

ASSIGNEE-AFTER-ISSUE: June 12, 2000 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., L&L PRODUCTS 160 MCLEAN DRIVE ROMEON MICHIGAN 48065, Reel and Frame Number: 10867/0918

LEGAL-REP: Dobrusin & Thennisch PC - ##0

Selected file: PLUSPAT
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** SS 1: Results 1
PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - @QUESTEL-ORBIT

Patent Number :

US6321793 B1 20011127 [US6321793]

Title :

(B1) Bladder system for reinforcing a portion of a longitudinal structure

Patent Assignee :

(B1) L & L PRODUCTS (US)

Patent Assignee :

L&L Products, Romeo MI [US]

Inventor(s) :

(B1) CZAPLICKI MICHAEL J (US); COON THOMAS L (US)

Application Nbr :

US59187700 20000612 [2000US-0591877]

Priority Details :

US59187700 20000612 [2000US-0591877]

Intl Patent Class :

(B1) F16L-055/12

EPO ECLA Class :

B29C-044/18

B29C-070/74B

B62D-029/00F1

US Patent Class :

ORIGINAL (O) : 138093000; CROSS-REFERENCE (X) : 138089000 138172000

Document Type :

Basic

Citations :

US1814677; US3054636; US3123170; US3493257; US3665968; US3746387;
US3757559; US3890108; US4019301; US4029128; US4082825; US4083384;
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G; DE19858903 A1; EP821021359; EP902021500; EP911045466; EP941013435;
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JP01164867; JP2-206537; JP5-38992; WO8800029 P; WO9200468 P; WO9500896
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PCT WO 00/13958 Wycech, Publication Date Mar. 16, 2000.*

PCT WO 99/61289 Wycech, Publication Date Dec. 2, 1999.*

PCT WO 00/41916 Wycech, Publication Date Jul. 20, 2000.

Publication Stage :

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

Abstract :

A bladder system and method for reinforcing at least a portion of a structural member, including a flexible barrier member for dividing at least a portion of the structural member being reinforced into one or more sections; and a reinforcement material for filling one or more sections bounded by the flexible barrier member. The reinforcement material filling one or more sections of the structural member can be a pumpable polymeric material, and the flexible barrier member can be a polymeric material.

Update Code :

2001-49

1 / 1 LGST - ©EPO

Patent Number :

US6321793 B1 20011127 [US6321793]

Application Number :

US59187700 20000612 [2000US-0591877]

Action Taken :

20000612 US/AS-A

ASSIGNMENT

OWNER: L&L PRODUCTS 160 MCLEAN DRIVE ROMEON MICHIGAN 48065

ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:CZAPLICKI, MICHAEL J.;COON, THOMAS L.;REEL/FRAME:010867/0918;SIGNING DATES FROM 20000605 TO 20000606

20040615 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20031120

Update Code :

2004-29

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

6,321,793 A 20011127 [US6321793]

Patent Assignee :

L&L Products Inc

Actions :

20031120 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040615

REISSUE REQUEST NUMBER: 10/718509

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3752

Reissue Patent Number:

Session finished: 18 MAR 2005 Time 20:38:34

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